SetupAC User's Guide

YAMAHA Corporation

Version 1.00
July 30, 1999

1.Descritpiton

SetupAC.exe is a software application required when running AC-XG under DOS. It runs following executions.

- Embedding FM & Sound Blaster
- Testing sound output of FM & Sound Blaster
- Controlling mixer

2.Getting Started

To start SetupAC, type the command below from the command line.

SetupAC [/s][/?]

Note: [ ] is an option and can be omitted.

Refer to 3.Usage for how to use the SetupAC utility.

/S ….. After SetupAC installs FM & Sound Blaster, it sets up volumes of AC-XG based on the settings in the acxg.ini and closes. The settings will be shown on a dialog box. When SetupAC is started with this option, the configuration of AC-XG cannot be modified.

/? …… Display the help file.

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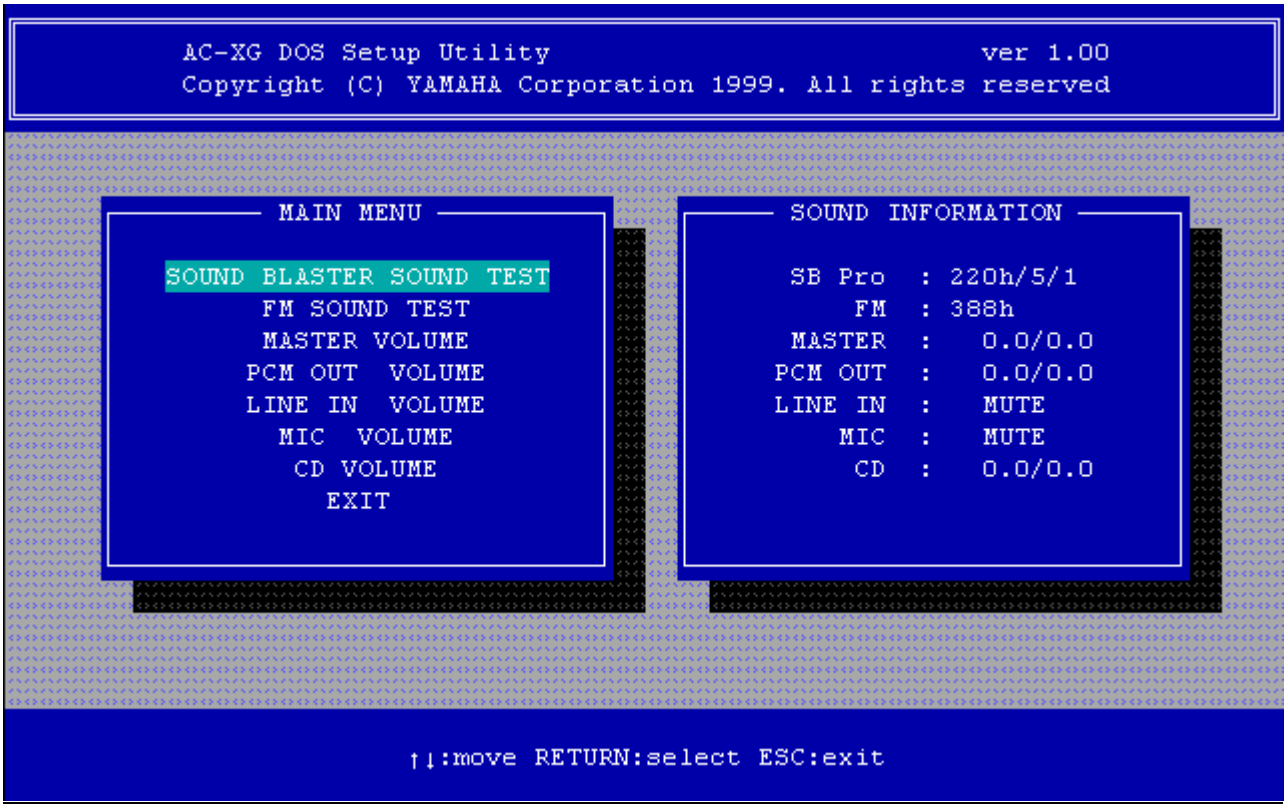
3. Usage

Figure 3.1 shows the dialog box of AC-XG DOS Setup Utility when SetupAC is started without any options.



Below are descriptions for how to operate the Setup utility.

3.1 Main Menu

Use the up-down arrow keys to move to the desired item on the Main Menu. Then hit the return key on the highlighted menu item to enter the menu.

Selecting SOUND BLASTER SOUND TEST or FM SOUND TEST will start sound test on the corresponding device. For more details on sound test, refer to 4.Sound Test.

To adjust device volumes, select MASTER VOLUME, PCM OUT VOLUME, LINE IN VOLUME, MIC VOLUME, and CD VOLUME to enter the corresponding dialog boxes as described in 3.3 Volume Adjustment.

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3.2 Sound Information

The current settings of AC-XG will be shown on the dialog box of Sound Information.

The Sound Information in Figure 3.1 indicates that the AC-XG is currently configured with the following settings.

Sound Blaster Pro: I/O 220h, IRQ5 and DMA 1.

FM: I/O 388h.

Master Volume, PCM Out and CD volumes of AC-XG are all 0.0dB.

Line In and Mic are muted.

3.3 Volume Adjustment

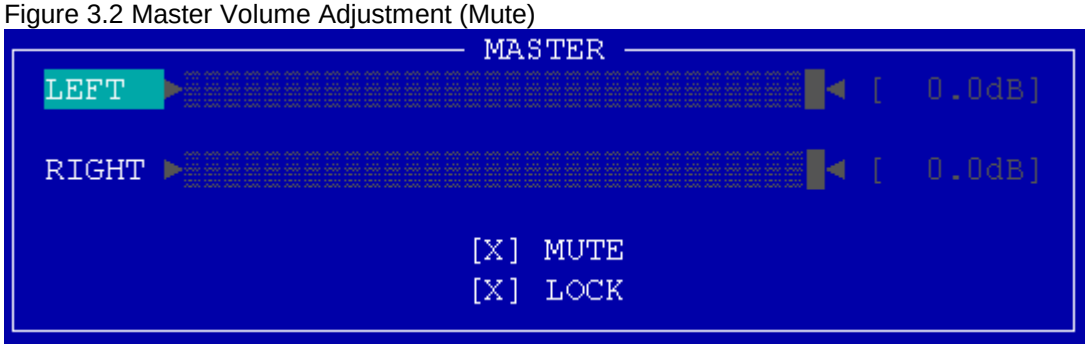
In the dialog box of Volume Adjustment, use the up-down arrow keys to select LEFT or RIGHT channel. Then use the left-right arrow keys to change the volume of the selected channel.

Descriptions for keystrokes:

"m": Turn on/off the MUTE option.

In Figure 3.2, MUTE is selected with "X" shown. When MUTE is selected, the volume gauges of both channels become gray and inactive.

Figure 3.2 Master Volume Adjustment (Mute)



"l": Turn on/off the LOCK option.

LOCK is a command to lock the current volume levels of both left and right channels. When the volume levels of both channels are locked, volume changes made to both channels are identical. Turn off the LOCK option when you want to make volume changes individually to the left and right channels.

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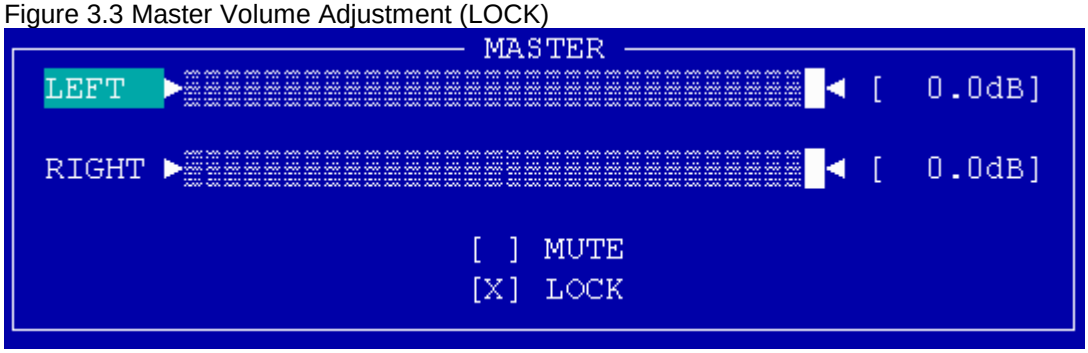
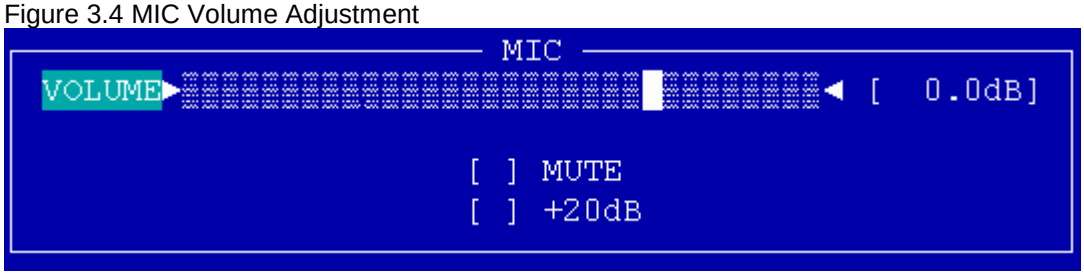
Figure 3.3 Master Volume Adjustment (LOCK)



"p": Turn on/off the +20dB option.
The +20dB option will be shown when MIC VOLUME is selected. When +20dB is selected, 20dB will be added to the MIC gain.

Figure 3.4 MIC Volume Adjustment



Note1: The above keystrokes are valid only in lower case.
Note 2: Any changes to the settings will immediately reflect to AC-XG.

3.4 EXIT

To quit SetupAC, press ESC or select EXIT from the Main Menu to go to the EXIT dialog box as shown in Fig. 3.5. Then use the up-down arrow keys to move between items on the EXIT menu. Press the return key to make the selection on the highlighted item.

Figure 3.5 EXIT Dialog Box

"CANCEL": When Cancel is selected, it returns to the dialog box as shown in Fig. 3.1.
"EXIT WITHOUT SAVING": When this is selected, the hardware is configured with the settings shown in the Sound Information, but the program is closed without saving the current settings to acxg.ini.

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“SAVE & EXIT”: When this is selected, the hardware is configured with the current settings shown in the Sound Information and the program is closed with saving the current settings to acxg.ini.

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4. Sound Test

Sound Test is a function to check if the sound is output normally when AC-XG is connected to PC speakers or headphones. If the sound is not output normally, the error dialog boxes shown in Fig.4.1 to F.g.4.4 will be displayed.

Sound Blaster cannot be found at I/O XXXh.

IRQX may be used by other device.

DMAX may be used by other device.

FM cannot be found at I/O XXXh.

5. Notes

5.1 SetAC does not support DOS BOX.

5.2 To run SetupAC, the following files are required to reside with SetupAC.exe at the same directory.

acxg.ini	….. File to save AC-XG setup information.
ymh8.wav	….. Wave file for sound testing.
Ymh.mid	….. MIDI file for sound testing.
Fmmidi.exe	….. Program for playing back MIDI file.
Ichtrad.exe	….. FM & Sound Blaster Emulator.

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